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PTO/SB/05 (03-01)

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	11281-014-999	Total Pages	64
<i>First Named Inventor or Application Identifier</i>			
Nam-Keun KIM			
Express Mail Label No.	EV 335 857 358 US		

APPLICATION ELEMENTS

See MPEP chapters 600 concerning utility patent application contents.

Commissioner for Patents
P.O. Box 1450
Mail Stop PATENT APPLICATION
Alexandria, VA 22313-1450

1. Fee Transmittal Form [Total Pages 2]
(Submit an original, and a duplicate for fee processing)

2. Applicant claims Small Entity status, see 37 C.F.R. § 1.27

3. Specification [Total Pages 35]
(preferred arrangement set forth below, MPEP 1503.01)
- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description of the Invention (including drawings, if filed)
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 USC 113) [Total Sheets 9]

5. Oath or Declaration [Total Sheets 4]
a. Newly executed (fax copy)
b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. CD-ROM or CD-R (2 copies); or
ii. paper
c. Statement verifying identity of above copies

17510 U.S.P.T.O.
10/688272
10/17/03

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(If foreign priority is claimed)

16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(i). Applicant must attach form PTO/SB/35 or it's equivalent

17. Other:

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) | of prior application No.: filed

Prior application information: Examiner: Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number

20583
Insert Customer No.

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Express Mail No. EV 335 857 358 US
PENNIE & EDMONDS LLP
 COUNSELORS AT LAW
 1155 Avenue of the Americas
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ATTORNEY DOCKET NO. 11281-014-999

Date: October 17, 2003

Commissioner for Patents
 P.O. Box 1450
 Mail Stop PATENT APPLICATION
 Alexandria, VA 22313-1450

Sir:

The following utility patent application is enclosed for filing:

Applicant(s): Nam-Keun KIM et al. Executed on: October 17, 2003
 Title of Invention: METHOD FOR DETECTING BASE MUTATION

PATENT APPLICATION FEE VALUE

TYPE	NO. FILED	LESS	EXTRA	EXTRA RATE	Fee
Total Claims	16	- 20	0	\$18.00 each	\$ 0
Independent	3	- 3	0	\$86.00 each	\$ 0
			Minimum Fee		\$ 770
			Multiple Dependency Fee		\$ 0
			If Applicable (\$290.00)		
				Total	\$ 770
			Applicant qualifies for the 50% Reduction for Independent Inventor, Nonprofit Organization or Small Business Concern		\$ 385
				Total Filing Fee	\$ 385

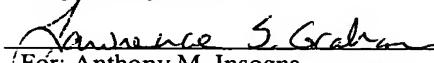
DO NOT PUBLISH. I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Priority of Korean application no. 10-2002-0063832 filed on October 18, 2002, and Korean application no. 10-2003-0061066, filed September 2, 2003 are claimed under 35 U.S.C. § 119.

The certified copy of the priority application has been filed in application no. filed on .

Please charge the required fee to Pennie & Edmonds LLP Deposit Account 16-1150. A copy of this sheet is enclosed.

Respectfully submitted,


 For: Anthony M. Insogna Reg No. 35,203
 By: Lawrence S. Graham 49,020
 PENNIE & EDMONDS LLP

Enclosure

This form is not for use with continuation, divisional, re-issue, design or plant patent applications.